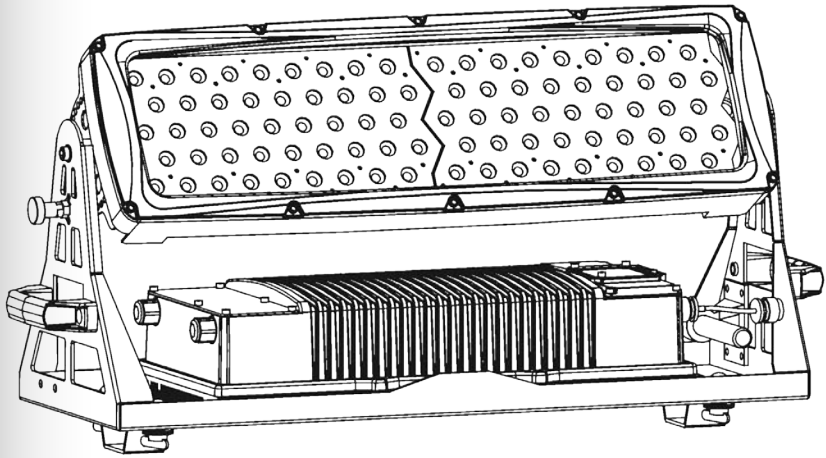
COLORADO™ RIDGE IP

Quick Reference Guide



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About this Guide

The COLORado™ Ridge IP Quick Reference Guide (QRG) only contains the product's connection and mounting information as well as the menu options and the DMX values.

Disclaimer

- This Quick Reference Guide DOES NOT replace the product's user manual, which you can download from the CHAUVET® Web site (www.chauvetlighting.com).
- You must read ALL the disclaimers and safety notes in this document as well as those in the product's user manual before installing, operating, or maintaining this product.

Safety Notes

- DO NOT open this fixture unless instructed. It contains no user serviceable parts.
- DO NOT look at the light source when this fixture is on.
- DO NOT touch the fixture when it is operating because it may be hot.
- DO NOT install or operate this fixture where there is less than 50 cm to the nearest surface to allow adequate ventilation around it.
- DO NOT leave any flammable material within 50 cm from this fixture while operating or connected to the power outlet to minimize the risk of fire.
- DO NOT carry this fixture from the head; use the handles instead.
- DO NOT install this product alone. This fixture weighs 53 lbs (24 kg). Always ask for help when mounting this product to avoid personal injuries or damage to the unit.
- DO NOT mount this fixture overhead without using a safety cable.
- DO NOT submerge this product (IP66). Regular outdoor operation is fine.
- DO NOT operate this fixture if you see damage on the housing, lenses, or cables. In any of these cases, have the damaged parts replaced by an authorized technician at once.
- DO NOT connect this fixture to a dimmer or rheostat.
- ONLY connect this fixture to a grounded and protected circuit.

What Is Included

- One Colorado™ Ridge IP
- One Edison to Proprietary IP66 Power Input Adapter
- One Male and Female 3-Pin DMX to Proprietary IP66 Adapter
- Two Omega Brackets
- One Safety Cable
- Warranty Card
- Quick Reference Guide

Features

- 3, 4, 5, 6, 7, 10, or 11 channels RGBWA LED wash light with two tiltable panels
- Operating modes:
  - 3-channel: HSV control
  - 3-channel: RGB control
  - 4-channel: RGB, dimmer
  - 5-channel: RGBWA control
  - 6-channel: RGBWA, dimmer
  - 7-channel: RGBWA, dimmer, strobe
  - 11-channel: Dimmer, RGBWA, color macro, strobe, auto/custom, auto speed, dimmer curve
- RGBWA static color mixing with or without DMX control
- Color temperature presets (3,200~10,000 K)
- Built-in (auto) programs
- Customizable (custom) programs
- Recall auto/custom programs via DMX
- Five distinct dimming curves
- Ingress Protection: IP66
- 3-pin DMX input and output connectors
- LED display with password protection
- Die-cast aluminum, powder coated housing
- Color calibration
- Omega bracket mounting system

Options

• 15° optical system	CL20x15 (20 lenses)
• 16.4 ft (5 m) IP66 power extension cable	IP5POWER
• 16.4 ft (5 m) IP66 signal extension cable	IP5SIG

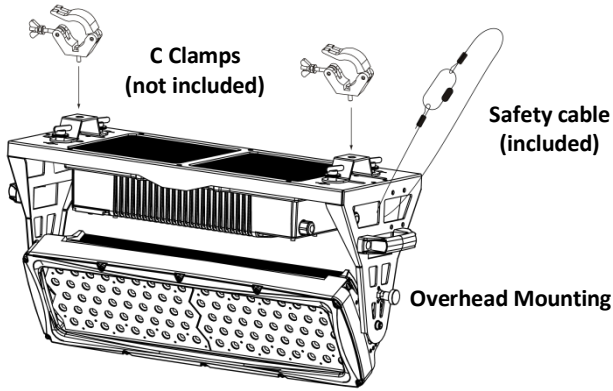
AC Power

This product has an auto-ranging power supply that can work with an input voltage range of 100~240 VAC, 50/60 Hz.

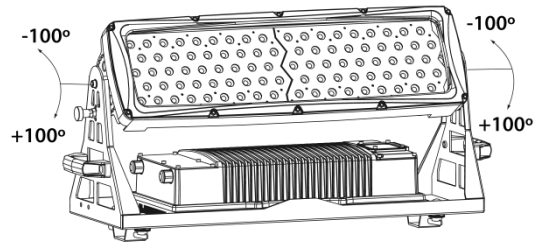
Mounting

Before mounting this product, read the safety notes at the beginning of this guide and on page 2 of the product's user manual. Then, follow the mounting procedure indicated in the Setup chapter of the user manual.

Product Mounting Diagram



Floor Mounting



Control Panel Description

Button	Function
<MENU>	Exits from the current menu or function
<SET>	Enables the currently displayed menu or sets the currently selected value into the selected function
<UP>	Navigates upwards through the menu list and increases the numeric value when in a function
<DOWN>	Navigates downwards through the menu list and decreases the numeric value when in a function

Programming

For details on how to program this product, refer to the user manual.

Password

After being prompted to enter the password, press:
<UP>, **<DOWN>**, **<UP>**, **<DOWN>**, and **<ENTER>**

Menu Options

Main Level	2nd Level		3rd Level		Description
STAT	RED		000~255 (0~100%)		User can combine Red, Green, Blue, White, and Amber to generate a custom color.
	GREEN				
	BLUE				
	WHITE				
	AMBER				
	STRB		00~20 (0~20 Hz)		Select a strobe frequency
AUTO	AUTO		1~10		Choose from 10 automatic programs
	CUSTOM				Choose from 10 customizable programs
ADDR	001~512		N/A		Sets the DMX starting address
RUN	DMX/SLAV		N/A		Selects the DMX or SLAVE mode
PERS	TOUR		N/A		11-channel
	ARC 1				3-channel
	AR1.D				4-channel
	ARC.3				5-channel
	AR3.D				6-channel
	AR3.S				7-channel
	HSV				3-channel
SET	UPLD	PSWD	SEND	END	Uploads custom programs
	REST	PSWD	RST	END	Resets the fixture to the factory settings
	DIM		OFF		Faders act linearly
			DIM1~4		DIM1 (fastest)~DIM4 (slowest)
	COLOR		OFF		No color compensation
			RGBW		White is defined by **CAL2 > RGB.W**
			UC		Color compensation to match older fixtures
EDIT	PR (1~10)	SC (01~30)	RED	000~255	User can combine Red, Green, Blue, White, and Amber to generate a custom color.
			GREEN		
			BLUE		
			WHITE		
			AMBER		
			STRB	00~20	Selects the strobe frequency (0~20 Hz)
			TIME	000~255	Defines the step duration (0~100%)
			FADE		Defines the fade duration (0~100%)
CAL1	WH (1~11)		RED	000~255	User can combine Red, Green, Blue, White, and Amber to generate whites with various temperatures (**TOUR > Channel 7**).
			GREEN		
			BLUE		
			WHITE		
			AMBER		
CAL2	RGB.W		RED	000~255	User can combine Red, Green, and Blue to generate a balanced white (**SET > COLOR >RGBW**)
			GREEN		
			BLUE		
WDMX	ACTI		ON/OFF		Reserved for future use
	REST				
KEY	ON/OFF		N/A		Turns the password on or off

DMX Values

TOUR

Channel	Function	Value	Percent/Setting
1	**Dimmer**	000 ⇔ 255	0~100%
2	**Module 1 Red**	000 ⇔ 255	0~100%
	Step Time		Only when running custom programs
3	**Module 1 Green**	000 ⇔ 255	0~100%
	Step Time		Only when running custom programs
4	**Module 1 Blue**	000 ⇔ 255	0~100%
5	**Module 1 White**	000 ⇔ 255	0~100%
6	**Module 1 Amber**	000 ⇔ 255	0~100%
7	**Color Macro + White Balance**	000 ⇔ 010	No function
		011 ⇔ 030	R: 100% G: Up B: 0
		031 ⇔ 050	R: Down G: 100% B: 0
		051 ⇔ 070	R: 0 G: 100% B: Up
		071 ⇔ 090	R: 0 G: Down B: 100%
		091 ⇔ 110	R: Up G: 0 B: 100%
		111 ⇔ 130	R: 100% G: 0 B: Down
		131 ⇔ 150	R: 100% G: Up B: Up
		151 ⇔ 170	R: Down G: Down B: 100%
		171 ⇔ 200	R: 100% G: 100% B: 100% W: 100%
		201 ⇔ 205	White 1: 3200 K
		206 ⇔ 210	White 2: 3400 K
		211 ⇔ 215	White 3: 4200 K
		216 ⇔ 220	White 4: 4900 K
		221 ⇔ 225	White 5: 5600 K
		226 ⇔ 230	White 6: 5900 K
		231 ⇔ 235	White 7: 6500 K
		236 ⇔ 240	White 8: 7200 K
		241 ⇔ 245	White 9: 8000 K
		246 ⇔ 250	White 10: 8500 K
		251 ⇔ 255	White 11: 10,000 K
8	**Strobe**	000 ⇔ 010	No Function
		011 ⇔ 255	0~20 Hz
9	**Auto + Custom Programs**	000 ⇔ 040	No function
		041 ⇔ 050	Auto 1
		051 ⇔ 060	Auto 2
		061 ⇔ 070	Auto 3
		071 ⇔ 080	Auto 4
		081 ⇔ 090	Auto 5
		091 ⇔ 100	Auto 6
		101 ⇔ 110	Auto 7
		111 ⇔ 120	Auto 8
		121 ⇔ 130	Auto 9
		131 ⇔ 140	Auto 10
		141 ⇔ 150	Custom 1
		151 ⇔ 160	Custom 2
		161 ⇔ 170	Custom 3
		171 ⇔ 180	Custom 4
		181 ⇔ 190	Custom 5
		191 ⇔ 200	Custom 6
		201 ⇔ 210	Custom 7
		211 ⇔ 220	Custom 8
		221 ⇔ 230	Custom 9
		231 ⇔ 255	Custom 10

TOUR (Cont.)

Channel	Function	Value	Percent/Setting
10	Auto Speed	000 ⇔ 255	Only when running an auto program
11	Dimmer Speed	000 ⇔ 009 010 ⇔ 029 030 ⇔ 069 070 ⇔ 129 130 ⇔ 189 190 ⇔ 255	Dimmer speed as per Control Panel Linear dimmer Non-linear dimmer 1 (fastest) Non-linear dimmer 2 Non-linear dimmer 3 Non-linear dimmer 4 (slowest)

ARC1

Channel	Function	Value	Percent/Setting
1	Red	000 ⇔ 255	0~100%
2	Green	000 ⇔ 255	0~100%
3	Blue	000 ⇔ 255	0~100%

AR1.D

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0~100%
2	Red	000 ⇔ 255	0~100%
3	Green	000 ⇔ 255	0~100%
4	Blue	000 ⇔ 255	0~100%

ARC3

Channel	Function	Value	Percent/Setting
1	Red	000 ⇔ 255	0~100%
2	Green	000 ⇔ 255	0~100%
3	Blue	000 ⇔ 255	0~100%
4	White	000 ⇔ 255	0~100%
5	Amber	000 ⇔ 255	0~100%

AR3.D

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0~100%
2	Red	000 ⇔ 255	0~100%
3	Green	000 ⇔ 255	0~100%
4	Blue	000 ⇔ 255	0~100%
5	White	000 ⇔ 255	0~100%
6	Amber	000 ⇔ 255	0~100%

AR3.S

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0~100%
2	Red	000 ⇔ 255	0~100%
3	Green	000 ⇔ 255	0~100%
4	Blue	000 ⇔ 255	0~100%
5	White	000 ⇔ 255	0~100%
6	Amber	000 ⇔ 255	0~100%
7	Strobe	000 ⇔ 255	0~20 Hz

HSV

Channel	Function	Value	Percent/Setting
1	Hue	000 ⇔ 255	0~100%
2	Saturation	000 ⇔ 255	0~100%
3	Value	000 ⇔ 255	0~100%

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